

We claim:

1. In a low-deck vehicle comprising an engine shaped like a letter V in the fore-and-aft direction disposed below a low-deck of the low-deck vehicle, and an air cleaner disposed upwardly thereof, an air cleaner structure for a low deck vehicle wherein the air cleaner is constructed to be capable of being maintained and inspected from the side of the vehicle.

2. An air cleaner structure for a low-deck vehicle according to Claim 1, further comprising a filter element in the interior of the air cleaner constructed to be capable of being attached and detached by a lid member on the side of the air cleaner, and a vehicle body cover that covers the air cleaner comprising an inspection lid so as to oppose the lid member.

3. An air cleaner structure for a low-deck vehicle according to Claim 2, wherein the engine shaped like a letter V in the fore-and-aft direction is provided with air intake connecting hoses connected to the air cleaner, and the air intake connecting hoses are provided with air lines extending in the air cleaner, respectively, and the filter element is disposed between the air lines.

4. An air cleaner structure for a low-deck vehicle according to Claim 1, wherein a space for disposing vehicle accessories such as fuel tank or the like is provided above the air cleaner.

5. An air cleaner structure for a low-deck vehicle according to Claim 3, wherein the low-deck vehicle includes the engine shaped like a letter V in the fore-and-aft direction suspended from a diamond shaped frame including a pair of left and right upper frames extending from a head pipe downward and rearward, and a down frame extending downward from the head pipe, and the air intake connecting hose disposed between V-shaped banks.

6. In a low-deck vehicle comprising: an engine shaped like a letter V in the fore-and-aft direction suspended by an upper frame extending from a head pipe rearward and downward and a down frame extending from the head pipe downward; and an air intake structure of the engine including air intake connecting hoses and an air cleaner disposed above the V-shape engine

wherein the air intake connecting hoses are disposed between V-shaped banks of the engine shaped like a letter V in the fore-and-aft direction, and disposed substantially along the upper frame and the down frame.

7. An air intake structure of an engine for a low-deck vehicle according to Claim 6, wherein spaces between the upper frames and the down frames facing the sides of the respective air intake connecting hoses are of a trussed frame structure.

8. An air intake structure of an engine for a low-deck vehicle according to Claim 7, wherein the trussed frame structure includes a triangular space where a filter element of the air cleaner can be taken in and out.

9. An air intake structure of an engine for a low-deck vehicle according to Claim 6, wherein the upper frame extends substantially linearly toward the rear to the position near a cylinder of a rear bank of the V-shape engine while inclining downward, and then extend to the position near a pivot of a rear wheel swing arm with less inclination.

10. An air intake structure of an engine for a low-deck vehicle according to Claim 6, comprising a radiator of the engine disposed forwardly of the head pipe.